"NEW SHEET"

TITLE OF INVENTION: MOBILE GRAVE EXCAVATOR
INVENTOR NAME: WILLIAM R. COLE
APPLICATION NO> 10/631.383

1 structural
frame

14 hydraulic
motors -
14A digging drive motor
14B auger drive motor
14C vertical hydraulic carriage motor
14D horizontal hydralic motor

12 hydraulic leveling
cylinders located on
all 4 wheels

21 auger

2 Horizontal carriage

4 I-beam

15 carrier rollers

15 carrier rollers

3 vertical carriage

20 catch trough

16 rollers integrated
on device

9A fill spout for
hydraulic fluid

10 electric pump

9 hydraulic reservoir

6 control box

12 hyraulic leveling
cylinder

8connecting
steering rod

7 drive wheel
steering cylinder

13 drive wheels

5 connecting shaft

15 carrier rollers

14D

14A

14B

14C

8 connecting
steering rod

7 drive wheel
steering Cylinder

11 guiding
arms on all 4
wheels

3B vertical
gear rack

15 carrier rollers

17 sprockets

18 cutting bar

19 cutting teeth

3A horizontal
gear rack

15 carrier rollers

FIGURE 5